

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3701201

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BART LIPKENS	06/11/2014
JASON DIONNE	06/11/2014
ARI MERCADO	06/11/2014
BRIAN DUTRA	06/24/2014
WALTER M. PRESZ JR.	03/13/2014
THOMAS J. KENNEDY III	06/11/2014
LOUIS MASI	06/11/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FLODESIGN SONICS, INC.
<b>Street Address:</b>	380 MAIN STREET
<b>City:</b>	WILBRAHAM
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01095
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15000573
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)363-9001
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	216.363.9000
<b>Email:</b>	lkalemba@faysharpe.com
<b>Correspondent Name:</b>	FAY SHARPE LLP
<b>Address Line 1:</b>	1228 EUCLID AVENUE, 5TH FLOOR
<b>Address Line 2:</b>	THE HALLE BUILDING
<b>Address Line 4:</b>	CLEVELAND, OHIO 44115
<b>ATTORNEY DOCKET NUMBER:</b>	FLOS 200007US03
<b>NAME OF SUBMITTER:</b>	RICHARD M. KLEIN
<b>SIGNATURE:</b>	/ Richard M. Klein /
<b>DATE SIGNED:</b>	01/19/2016

PATENT

**Total Attachments: 5**

source=Executed\_Assignment#page1.tif

source=Executed\_Assignment#page2.tif

source=Executed\_Assignment#page3.tif

source=Executed\_Assignment#page4.tif

source=Executed\_Assignment#page5.tif

# ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, We, the undersigned, **Bart Lipkens, Jason Dionne, Ari Mercado, Brian Dutra, Walter M. Presz, Jr., Thomas J. Kennedy, III and Louis Masi** of Wilbraham, MA ("Inventors") who have created a certain invention for which a U.S. Patent Application has been

- ☐ executed concurrently herewith
- ☐ executed on
- ☒ filed July 16, 2013, and assigned Application Serial No. 13/943,529

and is entitled

## **IMPROVED SEPARATION OF MULTI-COMPONENT FLUID THROUGH ULTRASONIC ACOUSTOPHORESIS**

hereby sell, assign and transfer to **FloDesign Sonics, Inc.**, ("Assignee"), having a place of business at **380 Main Street, Wilbraham, MA 01095**, its successors, assigns, nominees or other legal representatives, the full, exclusive, entire worldwide rights, title and interest in, to, and under said invention as described and claimed in said application, including any provisional application(s) from which it claims priority, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, nominees, or other legal representatives, to the end of the term or terms for which said Letters Patent are or may be granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by Inventor(s) if this assignment and sale had not been made; all of the entire rights, title and interest in and to said invention and said application, and all original and reissued patents granted for said invention, and all divisions, reissues, continuations-in-part, and continuations of said application, including the subject matter of any and all claims which may be obtained in every patent, and the right, where such right can be legally exercised, in Assignee's own name to apply for and obtain patents in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention and the Patent Cooperation Treaty as fully and entirely as Inventor(s) could have done if the foreign application had been filed in the names of the Inventor(s), and the entire interest in any Letters Patent which may be granted on any such application in such foreign countries, and Inventor(s) authorize(s) and request(s) the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty is to issue patents on applications as aforesaid, to issue the said Letters Patent to Assignee, its successors, assigns, nominees, or other legal representatives, as Assignee and owner of the said entire rights, and Inventor(s) covenant(s) that Inventor(s) has/have the full right to convey the said entire interest herein assigned and that Inventor(s) has/have not executed and will not execute any agreement in conflict herewith, and Inventor(s) will communicate to Assignee, its successors, assigns, nominees, or other legal representatives all facts known to Inventor(s) respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and

**PATENT**

**REEL: 037523 FRAME: 0114**

deliver all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, Inventor(s) will, upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer; and

Inventor(s) further covenant(s) and agree(s) that Inventor(s) will, at any time upon request, do everything possible to aid Assignee, its successors, assigns, nominees, or other legal representatives, either in the name of Inventor(s) or Assignee, to apply for, obtain, and enforce proper patent protection for said invention in all countries, according to the International Convention and the Patent Cooperation Treaty, and all the laws and treaties in force, all without further consideration but at the expense of Assignee, its successors, assigns, nominees, or other legal representatives.

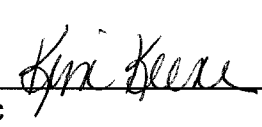
Signed at the City of Wilbraham State of Massachusetts  
on this 11<sup>th</sup> day of June, 2014.

  
Bart Lipkens

State of Massachusetts  
County of Hampden

)  
)ss:  
)

On this 11<sup>th</sup> day of June, 2014 before me personally came Bart Lipkens, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

Seal



KIM KEENE  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires 11/14/2019

Signed at the City of WILBRAHAM State of MA  
on this 11 day of JUNE, 2014.

Jason P. Dionne  
Jason Dionne

State of Massachusetts

County of Hampton

)  
)ss:  
)

On this 11<sup>th</sup> day of June, 2014 before me  
personally came Jason Dionne, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

Kim Keene  
Notary Public

Seal



**KIM KEENE**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires 11/14/2019

Signed at the City of Wilbraham State of Massachusetts  
on this 11<sup>th</sup> day of June, 2014

Ari Mercado  
Ari Mercado

State of Massachusetts

County of Hampton

)  
)ss:  
)

On this 11<sup>th</sup> day of June, 2014 before me  
personally came Ari Mercado, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

Tracy A. Maheux  
Notary Public

Seal



**TRACY A. MAHEUX**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires July 11, 2014

Signed at the City of WINDSOR State of CONNECTICUT  
on this 24<sup>th</sup> day of JUNE, 2014.

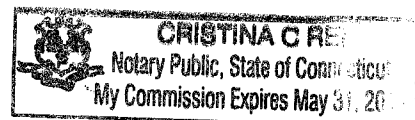
B. Dutra  
Brian Dutra

State of Connecticut )  
County of Hartford ) ss: Windsor

On this 24<sup>th</sup> day of June, 2014 before me personally came Brian Dutra, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Cristina Cre...  
Notary Public

Seal



Signed at the City of Willbraham State of Ma  
on this 13<sup>th</sup> day of June, 2014.

Walter M. Presz, Jr.  
Walter M. Presz, Jr.

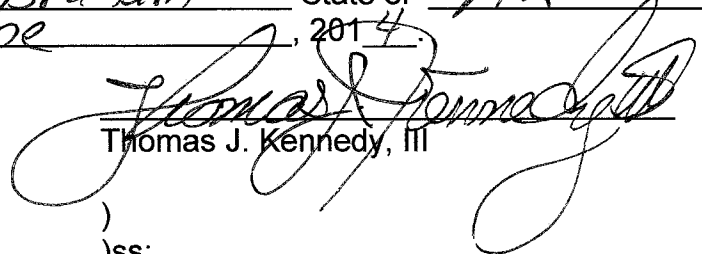
State of Massachusetts )  
County of Hampden ) ss:

On this 13<sup>th</sup> day of June, 2014 before me personally came Walter M. Presz, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Michelle Drumm  
Notary Public  
MICHELLE DRUMM  
Notary Public  
COMMONWEALTH OF MASSACHUSETTS  
My Commission Expires  
October 20, 2017

Seal

Signed at the City of Wilbraham State of MA  
on this 11 day of June, 2014.

  
Thomas J. Kennedy, III

State of Massachusetts  
County of Hampden

)  
)ss:  
)

On this 11<sup>th</sup> day of June, 2014 before me  
personally came Thomas J. Kennedy, III, to me known to be the individual described in  
and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

Seal



**KIM KEENE**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires 11/14/2019

Signed at the City of Wilbraham State of MA  
on this 11 day of JUNE, 2014.

  
Louis Masi

State of Massachusetts  
County of Hampden

)  
)ss:  
)

On this 11<sup>th</sup> day of June, 2014 before me  
personally came Louis Masi, to me known to be the individual described in and who  
executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

Seal



**KIM KEENE**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires 11/14/2019